

DAILY SITREP FORMAT: NPS DET KATRINA

1.A. TIME: 17 0100Z SEP05

B. LOCATION:

NPS DET KATRINA (REAR): MONTEREY, CA

NPS DET KATRINA (FWD): BAY ST. LOUIS, MS

C. OPCON: JTF KATRINA CAMP SHELBY, MS

D. TACON: JFMCC JTF KATRINA

E. ADCON: NPS MONTEREY, CA

F. CURRENT MISSION:

PRI: ASSIST DISASTER RELIEF EFFORTS ALONG THE GULF OF MEXICO BY INSTALLING OPERATING AND MAINTAINING A MOBILE COMMUNICATIONS NETWORK IN AREAS MOST DEVASTATED BY HURRICANE KATRINA WHILE MAINTAINING THE CAPABILITY OF DEPLOYING FLY AWAY COMMUNICATION KITS TO OTHER REMOTE LOCATIONS.

SEC: ON ORDER

2. CONSUMABLES

A. WATER: % AVAILABLE: 170 - OPERATIONAL DAYS: 53

B. FOOD: % AVAILABLE: 100 - OPERATIONAL DAYS: 19

C. GASOLINE/DIESEL:

NEMESIS: 100%

RYDER: 100%

COMM POV: 75%

DET RENTAL CAR: 100%

DET RENTAL CAR: 50%

STORED FUEL FOR GENERATORS: 100%

D. PROPANE (NEMESIS): 100%

E. H2 (HYDROGEN FUEL CELL GENERATOR): 100%

F. HELIUM (BALLOONS): 100%

NOTE THAT WE HAVE ARRANGED WITH THE EOC FOR FREE GASOLINE AND DIESEL FOR ALL VEHICLES, GENERATORS, ETC.

3. VEHICLES

DESCRIPTION	STATUS
NEMESIS	OPERATIONAL
RYDER 26FT TRUCK	OPERATIONAL
COMM POV	OPERATIONAL
DET RENTAL CAR	OPERATIONAL
DET RENTAL CAR	OPERATIONAL
DET RENTAL RV	OPERATIONAL
DET RENTAL RV	OPERATIONAL

4. PERSONNEL: TOTAL: 17

A. DET (FWD) -- MAIN EFFORT IS PROVIDING END USER SERVICES AT WIRELESS ACCESS POINTS AT ALL NODES IN THE NETWORK.

FACULTY:

NAME	RANK	DEPT
BRIAN STECKLER	GS-15 EQUIV	GSOIS

STUDENTS:

NAME	RANK	DEPT/CURRIC	BRANCH
BILL BRUCE	LCDR	IW	USN
PAT LANCASTER	LT	IST	USN
RICHARD CLEMENT	LT	IST	USN
ROBERT MOORE	LT	IST	USN
IRA LAMBERTH	LT	IW	USN
ROBERT PATTO	LT	IST	USN
NATHAN SEAMAN	LTJG	IST	USN

RESERVISTS:

NAME	RANK	BRANCH
NONE		

CONTRACTORS:

NAME	COMPANY
DONALD MULLEN	REDLINE
GLEN BERNDT	CISCO
TERRY SCHMIDT	CISCO

OBSERVERS:

NAME	RANK	BRANCH	AFFILIATION
PETE GRIFFITHS	CDR	USN	OSD NII

5. MATERIAL

A. NETWORK STATUS

CURRENT NETWORK STATUS: OPERATIONAL.

-INTERNET ACCESS AND VOIP, SUPPORTED WITH WIFI MESH LOCAL AREA NETWORK USING RAJANT 802.11B BREADCRUMBS PLUS CISCO SKY CAPTAIN 802.11 A/B/G AND REDLINE 802.16 BROADBAND BACKBONE, IS BEING PROVIDED TO:

-HANKCOCK MEMORIAL HOSPITAL, ARMY NATIONAL GUARD.

-AIR NATIONAL GUARD MOBILE HOSPITAL (COLOCATED WITH COUNTY HOSPITAL)

-BAY ST LOUIS FIRE/POLICE DEPARTMENT

- SECOND STREET ELEMENTARY SCHOOL
- WAVELAND POLICE DEPARTMENT AND WAVELAND POD VIA SEOC BANDWIDTH PROVIDER AND DET 802.16/802.11 GEAR
- 223<sup>RD</sup> ENG BATT DET, BAY ST. LOUIS, MS

-NPS LIASED WITH CISCO AND CISCO PROVIDED A 40 FOOT RV EQUIPPED WITH A SWE-DISH 1 MEG BY 1 MEG SATCOM SUITE AND CISCO SKY CAPTAIN WIRELESS CONNECTIVITY TO THE POD AT PEARLINGTON. THE POD HOUSES APPROX 300 DISPLACED CIVILIANS AND SERVES MEALS AND SUPPLIES TO OVER 500 CIVILIANS DAILY. CISCO IS PROVIDING THIS SERVICE FREE OF CHARGE AND WOULD LIKE TO CONTINUE OUR PARTNERSHIP IN THIS AND FUTURE HA/DR OPERATIONS.

-DET WILL USE CO ARMY/AIR NATL GUARD'S MORE ROBUST VTC CAPABILITY AS PRIMARY MEANS OF CONDUCTING PRESS INTERVIEW. SECONDARY MEANS IS THROUGH NPS OWNED VTC VIA TCP/IP EQUIPMENT.

-WIRELESS MESH LAN, SUPPORTED WITH RAJANT 802.11B BREADCRUMBS IS BEING PROVIDED TO WALMART POINT OF DISTRIBUTION (POD).

-ACCESS TO THE INTERNET IS PROVIDED BY A 512 KBPS BY 2MBPS SATCOM LINK PROVIDED AT NO COST BY TACHYON PER ARRANGEMENT BY NPS.

**INOP EQUIPMENT:**

-SECOND TACHYON SATELLITE DISH IS NOT OPERATIONAL. ALL PARTS RECEIVED WITH EXCEPTION OF SMALL, YET CRITICAL, BOLTS AND O-RINGS. INVESTIGATING OPTIONS, BUT WILL CONTACT TACHYON TO HAVE THESE MISSING PARTS SHIPPED.

**B. ISSUES:**

-THE MISSING BREADCRUMB WAS RECOVERED 15 SEP.

**6. LESSONS LEARNED**

**A. TECHNICAL:**

-RAJANT BREADCRUMBS MUST HAVE DHCP DISABLED IF ROUTERS ARE DHCP ENABLED.

-NGO'S HAVE EXPRESSED AN INTEREST IN NOT ONLY THE CAPABILITY TO COMMUNICATE VIA HASTILY FORMED NETWORKS, BUT ALSO IN A SOFTWARE PACKAGE/APPLICATION THAT FACILITATES A COP.

- B. PERSONNEL: EXPECT FOUR NPS STUDENTS TO ARRIVE AS RELIEFS ON 17 SEP AND ONE OTHER NPS STUDENT ON 19 SEP. FIVE NAVAL RESERVISTS ARE EXPECTED ON 20 SEP THRU 30 SEP. EXPECT LCDR CHRIS GAUCHER, USNR, TO BECOME THE DET OIC FOR CONTINUITY OF MISSION SINCE DET DOES NOT EXPECT NPS STUDENTS TO BE IN AREA PAST 25 SEP. INITIAL COMMUNICATIONS WITH CNSG BEING MADE REGARDING NRSG AND/OR NSG PERSONNEL CONTINUING MISSION AT LEAST THRU OCTOBER. INITIAL COMMUNICATIONS ALSO BEING MADE WITH SPAWAR ON THEIR ABILITY TO AUGMENT DET WITH PERSONNEL AND FUNDING OVER BOTH FISCAL YEARS.
- C. CIVIL-MILITARY BOUNDARY: EOC VERY INTERESTED IN BELL CANADA SOLUTION. AWAITING WORD FROM JFMCC J6, ON THE MOVE FROM PCLA TO IWO JIMA, TO GIVE GO AHEAD FOR DET TO LIASE BETWEEN ENTITIES.
- D. LOGISTICS: CDR GRIFFITHS, OSD NII REP PARTICIPATING ON THE GROUND WITH THE NPS DET, AND PROFESSOR STECKLER MET WITH EOC AND FEMA OFFICIALS REGARDING TWO TRAVEL TRAILERS LEFT BEHIND AFTER FEMA/FPS AGENTS VACATED HOSPITAL CAMPUS. NPS DET AND FOLLOWERS ARE ALLOWED TO UTILIZE TRAILERS FOR THE NEXT 75 DAYS AT NO COST. THIS GREATLY ENHANCES THE HEALTH AND COMFORT ISSUES FACED WHEN PA-DMAT VACATED WITH SHOWER TENTS AND SINKS. EOC ALSO PLACED DET ON ITS POTABLE WATER AND SEWAGE DUMPING ROSTER, ALLOWING GREATER FLEXIBILITY IN SERVICES AT NO COST.
- E. PROFESSOR STECKLER HAS OBTAINED SUPPORT FROM THE EOC GIS MAPPING GROUP TO PROVIDE UNLIMITED MAPS (D SIZE) AT NO COST FOR THE NPS DET NOC AND REMOTE MINI-NOC'S (SUCH AS PEARLINGTON CISCO NOC)

7. ENCLOSURES: NONE

8. ONSITE OIC/FACULTY LEADERSHIP COMMENTS

- A. NAME OF OIC: LCDR BILL BRUCE
- FACULTY LEAD: BRIAN STECKLER

- B. PHONE NUMBER FOR OIC: 831-241-8865.
- C. OIC/FACULTY COMMENTS: AT EVERY PHONE, AT EVERY LAPTOP, THERE IS A SMILING FACE THAT SAYS THANK YOU. DISPLACED CIVILIANS, EMERGENCY PERSONNEL, LOCAL GOVERNMENT OFFICIALS, ETC., ARE ABLE TO COMMUNICATE BEYOND THE ABILITIES OF SHORT RANGE RADIO WAVES FOR THE FIRST TIME SINCE KATRINA HIT. WITH THE DAILY THROUGHPUT OF POTENTIAL CUSTOMERS AT THE PODS OVER 3000, THE SERVICE IS MORE THAN WELCOME -- IT IS NECESSARY.
- D. THE FOLLOWING EXTENSIONS ARE PROVIDED FOR THE CISCO VOIP/CALL MANAGER ENABLED PHONE NUMBER 919-595-8545:
- |                        |           |
|------------------------|-----------|
| - PROF. BRIAN STECKLER | EXT 20040 |
| - NPS DET KATRINA COC  | EXT 20042 |
| - NPS DET KATRINA NOC  | EXT 20053 |
- E. CURRENT TELEPHONE DIRECTORY AND ALL PAST SITREPS CAN BE OBTAINED BY LOGGING ONTO [HTTP://WWW.IPWIKI.COM](http://www.ipwiki.com) AND OBTAINING AN ACCOUNT BY REGISTERING, THEN RECEIVING AN EMAIL WITH USERNAME/PASSWORD, THEN LOGGING BACK IN.
- F. NPS DET 1 (HANCOCK COUNTY HOSPITAL NOC TEAM) EXIT STRATEGY ISSUES AND ACTIVITIES: BEGAN INITIAL CONVERSATIONS WITH NPS LEADERSHIP, CNSG STAFF, AND SPAWAR OVER LAST TWO DAYS ON POSSIBILITY OF NRSG, CNSG, AND SPAWAR PERSONNEL AUGMENTING NPS PERSONNEL REQUIRED TO MAINTAIN NETWORK ARCHITECTURE AS IS. THIS COULD BE A WIN-WIN IN THAT NPS STUDENTS CAN RETURN TO SCHOOL KNOWING THE LAN/WAN IS IN CAPABLE DOD HANDS AND KNOWING THAT THESE NEW DOD PERSONNEL CAN INTERFACE WITH THE AGENCIES, GEAR AND CONTRACTORS ASSOCIATED WITH THE TECHNOLOGIES BEING IMPLEMENTED.